

INTELLOFAX 21

25X1A

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 9 November 1950

SUBJECT The Lutzkendorf Mineral
Oil Plant

NO. OF PAGES 8

PLACE
ACQUIRED [REDACTED]

25X1A

RETURN TO CIA

NO. OF ENCLS. 1 diagram*
(LISTED BELOW)DATE OF
INFO. [REDACTED]LIBRARY
25X1XSUPPLEMENT TO
REPORT NO. [REDACTED]

25X1A

1. The Lutzkendorf Mineral Oil Plant in Krumpa near Merseburg belonged to the Wintershall Corporation until 1945, when the plant became the property of Land Saxony-Anhalt. In late 1949, it was reorganized and put under the direct control of the DTK. Now under the Ministry of Industry the Lutzkendorf Plant is assigned to the VVB-(2) "Valuable Carbon Materials" (Kohlenwertstoff) and has the plant number 22/336/1000.
2. Through dismantling the plant lost installations worth 35 million RM. This was almost 44 percent of the plant's total value, estimated to have been 80 million RM. The following equipment was dismantled. The number beside each item indicates the building from which the equipment was removed. *
- a. In narrow field (sic) gasification (Schmalfeldvergasung) department:
One installation, which was sent to Moscow.
 - b. In the hydrogenation plant, all the equipment in buildings 201, 202, and 203. This equipment, which weighed a total of 7,000 tons, was sent to Tashkent. **
 - c. In the synthetic gas department:
 - 12 regenerator burners
 - 4 burners for preheating air
 - 3 air blowers with motor
 - 3 rotation gas blowers
 - 3 synthetic gas blowers
 - several rotary pumps (capacity: 750 cu.m. per hour)
 - 1 automatic valve-control mechanism
 - 2 centrifugal pumps (capacity: 500 cu.m. per hour)
 - 3 centrifugal pumps (capacity: 750 cu.m. per hour)
 - 2 hammer mills
 - 2 escape control mechanisms (Abzugregler)
 - miscellaneous equipment

3a to 3t

25X1A

CLASSIFICATION SECRET/CONTROL - U.S. OFFICIALS ONLY

SECRET/CONTROL - U.S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

-2-

25X1A

d. In the producer gas department:

- 2 disintegrators (3c)
- 2 motors weighing 37,500 kg and with a capacity of 240 kw (3c)
- 4 filling pumps (Fuellerpumpen) with motors (3c)
- 1 disintegrator with motor (3m)
- 1 disintegrator with motor (3k)
- 1 vertical boiler utilizing waste gases (Abhitzkessel)
(heating surface: 522 sq.m.) (3k)
- 3 centrifugal pumps (capacity: 35 cu.m. per hour) (3k)
- 2 turbine blowers (capacity: 25,000 cu.m. per hour) (3k)
- 1 disintegrator (capacity: 60,000 cu.m. per hour) (99)
- 1 inclined boiler (capacity: 35,000 cu.m. per hour) (3n)
- 1 vertical boiler (heating surface: 522 sq.m.) (3n)
- 4 centrifugal pumps (capacity: 35 cu.m. per hour) (3n)
- 1 boiler utilizing waste gases (heating surface: 500 sq.m.) (3t)

e. In the air decomposition department (Luftzerlegung):

- 1 turbo compressor (weight: 40 tons) (82)

f. In the hydrogen department:

All installations in buildings 16 and 16a. Until this installation had been reconstructed in late 1947, no hydrogen could be produced at the Luetzkendorf Plant.

g. In the coal-drying installation:

- 1 hammer mill with motor)
- 2 filling pumps with motor)
- 1 primary ventilator)
- 1 ventilator)
- 1 combined grinding and distributing machine with)
- motor) 5a,b,c.
- 1 separator made of forged iron with breaker plates)
- 1 cast iron burner)
- other machines)

3. The Luetzkendorf Plant produces the following in its lubricating oil factory:

Lubricating oil distillates, viscosity 3.5 at 20° Centigrade
 Lubricating oil distillates, viscosity 2.5 at 50° Centigrade
 Machine oil distillates, viscosity 4 to 6 at 30° Centigrade
 Compressor oils, viscosity 10 to 12 at 50° Centigrade
 Superheated steam cylinder oil, flash point 305° Centigrade
 Turbine oil, viscosity 4 at 50° Centigrade
 Dark oil, viscosity 7 at 50° Centigrade
 Motor oil, viscosity 10 to 12 at 50° Centigrade
 Railroad car axle oil
 Gasoline
 Kerosene
 Diesel oil
 Crude oil paraffin "gatsch" (paraffin residue)
 Crude ceresin
 Brown paraffin in slabs
 Raw vaseline
 Asphalt
 Bitumen
 Propane resin
 Phenol extract

Production in the plant's Fischer-Tropsch synthetic (Synthese) department is as follows:

Crude benzol
 Motor gasoline
 Liquid gas

CENTRAL INTELLIGENCE AGENCY

-3-

Diesel fuel
Contact paraffin
Paraffin'gatsch' (paraffin residue)
Lighter fluid
Sulphur
Oxygen

4. The annual capacity of the lubricating oil factory is 120,000 tons while the annual capacity of the reconstructed synthetic department is 16,000 to 17,000 tons of primary products. The 1950 production plan provides for utilization of the lubricating oil factory to its capacity and for an increase in the synthetic production to 15,000 tons of primary products a year.*** The projected construction of a new paraffin oxidation plant should improve the Soviet Zone supply of washing agents and of sebacic acid. The bitumen output amounted to about 4,000 tons during the first quarter of 1950.
5. The gasoline produced at Luetzkendorf is delivered to the following plants: The Klaffenbach (N 51/K 65) Mineral Oil Plant, which is now assigned to VVB (Z) "Valuable Carbon Materials" under number 22/375/1002; the Tar-distilling and Chemical Plant, plant number 22/173/1001 of VVB(Z) "Valuable Carbon Materials", on Ruetgerstrasse in Erkner near Berlin; Schieweck and Company Plant for Chemical Tar Products, which is private plant number 22/192/4001 on 16 Kanalstrasse in Velten. In this plant the gasoline is used mainly for further processing as technical gasoline and as a solvent for the dye industry.
6. Until 1945, Luetzkendorf obtained its crude oil from Nienhagen near Hannover and from the German oil district around the Ems River. Since 1946, regular crude oil shipments have been coming from Zistersdorf in Austria. This crude oil, which contains much paraffin, comes by train from Zistersdorf via Moravska Trebova (P 50/N 46), Bodenbach (N 51/F 56), and Schandau (N 51/F 57) to Krumpa. The following Zistersdorf crude oil shipments have been reported:

1945: no shipments. The Luetzkendorf production was based on existing stocks
1946: about 70,000 tons
1947: about 78,000 tons
1948: about 70,000 tons
1949: about 90,000 tons (?)

January 1950: 10,000 tons
February 1950: 10,000 tons
March 1950: 8,000 tons

The Vienna-Lobau and the Latzen (P 49/S 61) oil wells, whose oil contains much asphalt, have also been supplying the Luetzkendorf plant since 1950. The Luetzkendorf plant's Fischer-Tropsch synthetic department processes in part the distilling residues of the lubricating oil factory and in part brown coal from the central German brown coal district, especially from the Cecilie and Leonhardt mines.

7. The Luetzkendorf plant, which employs 5,500 to 6,000 workers, is directed by the following officials:

Technical manager
Management assistant
Commercial manager
Social manager:

25X1B

Leading personnel in the individual installations are as follows:

Lubricating oil factory

25X1B

SECRET-CONTROL/US OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY

25X1A

25X1B

Fischer-Tropsch synthetic department

Fischer-Tropsch Installation:

Producer gas department:

Air decomposition (Luftzerlegung)

Postprocessing department:

Power station: Engineer Dausenau,

Construction department:

Main workshop:

Workshop of the lubricating oil f.

25X1A

Comment. See sketch map and legend in Annex 1.

Comment. A previous report indicated that the Soviets gave the Luetzkendorf Hydrogenation Plant to the Poles, who allegedly reconstructed the plant in Oswiecim (Auschwitz). The present report, however, appears to be correct.

25X1A

25X1A

Comment. According to a previous report, the lubricating oil factory produced a total of 56,856.1 tons of refinery products in 1948, while in the same year the Fischer-Tropsch synthetic department manufactured 129,333 cubic meters of oxygen, and 8,370.4 tons of primary products, including about 4,500 tons of fuels.

25X1A

1 Annex: Former Wintershall Corporation Luetzkendorf Plant Krumpa Near Merseburg.

SECRET-CONTROL/US OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY
1/ Annex 1

25X1A

Legend to Annex

- 1 Conveyor belt to the bunker (building No 2)
- 2 Coal bunker
- 3a to 3d Water gas production
- 3k,m,n,r,t Producer gas production
- 3p Coal dust bunker
- 4 Six cooling towers with two pump houses
- 5a,b,c Coal dust production (corner tower structure)
- 6 Conveyor belt between the bunker and the gasification plant
- 7 Switch station II
- 8 Gasmeter for synthetic gas, 30,000 cubic meters
- 8a Pumping station for recooling water
- 9 Gasmeter for producer gas, 30,000 cubic meters
- 9a Pumping station for mud water
- 10 Water supply basin for scavenging
- 10a Pumping station for acid and muddy water
- 11 "Kkazit" installation
- 12 Fine cleaning shop with a depot ("Masselager")
- 13a,b Furnace shop
- 13e Deparaffining installation
- 14 Direct condensation
- 15 Active carbon installation
- 16 Hydrogen installation
- 16a Machine house II
- 17 Recooling plant, cooling tower I and II, machine house
- 18 Power station with annex
- 18a Superheater
- 19 Boilerhouse with water-purifying installation and electro-filters
- 19a "Matrop-Eberhardt" boiler with suction draught installation
- 19b Permutite water reservoir
- 20 Cooling tower
- 21 Cooling tower
- 22 Turntable
- 23 Laboratory
- 24 Bath and dressing rooms (Kauengebäude)
- 25 Gatekeeper's house
- 26 Bicycle shed with fire depot
- 27 Administration building
- 28 Garage with office rooms
- 29 Plant restaurant
- 30a Heating gas blower sets with gas coolers
- 30b Synthetic gas blower sets with Theisen cleaners
- 31 "Claus" installation with sulfur depot and loading facilities
- 33 Tanks
- 34 Gasmeter for gas oil
- 35 Distillation plant
- 37 Workshop
- 38 Storehouse
- 39 Switch station IX
- 40 Water tank with pumping station
- 41 Gas oil loading installation
- 42 Track scales (Gleiswaage)
- 44 Weigh-bridge (Fuhrwerkswaage)
- 45 Deep well I and II
- 46 Starting generator I and II with blowers
- 47 Smokestack
- 48 Switch station III
- 49 Two cooling towers with pumping station
- 50 Switch station IV
- 51 Acetylene installation
- 52 Cracking installation
- 53 Tanks for oil distillation
- 54 Switch station V

SECRET-CONTROL/US OFFICIALS ONLY

- 55 Workshop
- 57 Back pressure turbine house with switch station VI
- 58 Cooling tower with pumping room
- 59 Pumping station with mud basin
- 60 Reduction installation
- 61 Waiting room
- 62 Gasoline pumping house
- 63 Gasmeter, 15,000 cbm
- 64 Gasmeter, 2,000 cbm
- 65 Gasmeter, 200 cbm
- 66 Plant office
- 67 Evaporating installation
- 68 Shed housing the stone dump
- 69- Storage cantonment building
- 72 Office building
- 73 Plant office (power and thermal department)
- 74 Oxygen gasmeter, 1,000 cbm
- 75 Stabilizer installation
- 76 Kogasin washing plant with pumping station
- 77 Plant building with laboratory I
- 78 Gasmeter, 300 cbm
- 79 Ethyl-fluid-mixture
- 80 Garage
- 81 Compressors and blowing engine house
- 82 Oxygen plant
- 84 Pumping station with purifying lake
- 86 Two transformer stations for power supply coming from outside sources
- 87 Measuring workshop
- 88 Cooling tower
- 89 Storage room for oil and gasoline barrels
- 90 Oil cleaning installation with pumping station
- 92 Multiple purpose room
- 93 Aid station
- 95a Sulfur dry cleaning for synthetic gas and hydrogenation rich gas
- 96 Storage sheds
- 97 Cantonment buildings with bath and dressing rooms
- 98 Nitrogen gasmeter, 20,000 cbm
- 99a Heating gas blowing engine station with Theisen cleaners and gas coolers
- 99b Blowing engine station for residue gas
- 100a Switch station XI
- 100b Office
- 102 Switch station
- 103 Cooling tower
- 104 Workshop
- 108 Purifying plant
- 109 Gasoline purifying basin
- 110 Pump house
- 113 Water tanks (not purified water)
- 114 Workshop
- 115 Gas oil loading installation
- 116 Cooling tower
- 119 Toilet
- 120 Blowing engine house for rough cleaning
- 121 Mud water purifying plant for Cecilie Mine
- 122 Mud pumping station
- 123 Workshop
- 125 Waiting rooms (Aufenthaltsraume)
- 126 Groest storage shed
- 128 Delivery station of the Cecilie Mine
- 131 Old briquetting factory of the Emma Mine
- 132 Waste-water purifying basin
- 134 Bunkers
- 137 Superfine cleaning
- 201 Compressor workshop with switch station VII
- 202 High pressure pumping station
- 203 Furnace block house
- 204 Distillation installation
- 205 Tanks
- 206 Cooling tower
- 207 Tank
- 208

SECRET/CONTROL - U.S. OFFICIALS ONLY

CENTRAL INTELLIGENCE AGENCY
3/ Annex

25X1A

208b Flash drum refinery
 209 Cooling tower
 210 Contact dressing
 211 Bath and dressing rooms (Kaie)
 213 Carbon oxide cleaning installation
 301 Crude oil tanks
 302 Distilling installation
 302a Cooling tower
 303 Phenol extracting installation
 304 Fuller's earth installation
 305 De-asphalting and de-paraffining installations
 306 Tanks (residues)
 307 Tanks (production)
 308 Tanks (loading)
 309 Barrel loading and filling shop
 310 Sliding platform
 311 Sliding platform
 312 Bath and dressing rooms
 313 Petroleum cleaning installation
 314 Oil and gasoline loading station
 315 Plant building
 316 Annex building
 317 Toilet
 318 Two fuel oil tanks
 319 Sulfuric acid refinery
 320 'Acid resin burning' (Saeureharzverbrennung)
 321 Switch station VIII
 322 Workshop
 323 Track scales
 323a Track scales
 324 Capstan
 325 Centrifuge building
 401g Gasoline purifying basin
 408 Tank station
 601 Extraction
 602 Dissolving shop
 603 Cleaning and precipitation
 604 Drying
 606 Dissolving shop
 610 Purifying basin
 612 Filtering station
 613 Woodworking workshop
 614 Carbonate depot
 615 Office
 618 Water evaporation
 619 Water evaporation
 620 Depot
 621 Cooling tower
 622 Nitric acid depot
 623 Water tank
 625 Switch station
 626 Cooling tower

Following numbers are not indicated on the layout sketch:

32 Old engine shed
 36 Gasoline loading
 43 Track scales - gasoline loading
 56 Electric workshop
 70 Elevated tank
 71 Pumping station of the Cecilie Mine

SECRET-CONTROL/US OFFICIALS ONLY

4/ Annex

91 Water works on the Saale River
85 Switch station X
95b,c Sulfur dry cleaning for synthetic gas and hydrogenation rich gas
101 Water works in the Gleina Valley
105 Locomotive shed
106 Coal dust bunker
107 Muecheln water tank
111 Cooling tower of the Cecilie Mine
112 Krumpa water installation
117 Niederglobichau water works
118 Two deep wells
124 Air raid shelters
127 Cecilie open cast pit
129 C3 and C4 production
130 Branch office
133 Steam boiler 10 and 11
135 Zeuchfeld depot
136 Langeneichstaett depot
138 Annealing furnace
139 Kitchen
140 Briquetting factory
141 Gatekeeper's house
142 Factory making roof tiles
143 Propane gas production
144 Fine cleaning plant
145 Briquette storage shed
146 Transformer station of the Cecilie Mine
147 Transformer station of the Cecilie Mine
148 Pumping station for recooling water
212 Tar oil distillation
214 Fire pond
215 Gas meter, 2,000 cbm
216 Gasmeter, 2,000 cbm
217 Pumping station
326 Waiting room
327 Tank depot of the Cecilie Mine
401 Plant water pipeline
401a Plant water pipelines
401b Mud water pipe lines
401e Gasoline purifying basin
401f Gasoline purifying basin
402 Gas pipe lines
403 Light and power lines
404 Spur tracks
405 Plant square, roads and fences
406 Telephone installations
407 Residential buildings
409 Zeuchfeld living quarters
410 Condenser and reduction installations
412 Improvement of the Geisel riverbed
605 Kieselguhr regeneration
617 Pumping station
624 Depot for soda and "Lux" stocks

SECRET-CONTROL/US OFFICIALS ONLY

